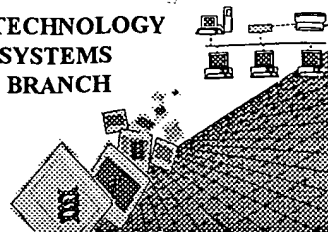


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/088,092  
Source: P4/10  
Date Processed by STIC: 1/30/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual- ePAVE)
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3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
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Revised 01/29/2002



PCT10

## RAW SEQUENCE LISTING

DATE: 01/30/2003

PATENT APPLICATION: US/10/088,092

TIME: 10:12:10

Input Set : A:\220738US0PCT.txt

Output Set: N:\CRF4\01302003\J088092.raw

3 <110> APPLICANT: ISHIZAKI, JUN  
 4 SUZUKI, NORIKO  
 5 HANASAKI, KOHJI  
 7 <120> TITLE OF INVENTION: A GENE ENCODING NOVEL HUMAN SECRETORY TYPE PHOSPHOLIPASE A2  
 9 <130> FILE REFERENCE: 220738US0PCT  
 11 <140> CURRENT APPLICATION NUMBER: 10/088,092  
 C--> 12 <141> CURRENT FILING DATE: 2002-07-29  
 14 <150> PRIOR APPLICATION NUMBER: PCT/JP00/06344  
 15 <151> PRIOR FILING DATE: 2000-09-18  
 17 <150> PRIOR APPLICATION NUMBER: JP 11-266616  
 18 <151> PRIOR FILING DATE: 1999-09-21  
 20 <160> NUMBER OF SEQ ID NOS: 34  
 22 <170> SOFTWARE: PatentIn version 3.1  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 320  
 26 <212> TYPE: DNA  
 27 <213> ORGANISM: Mus musculus  
 29 <220> FEATURE:  
 30 <221> NAME/KEY: misc\_feature  
 31 <222> LOCATION: (1)..(1)  
 32 <223> OTHER INFORMATION: n = a, c, g, or t  
 35 <220> FEATURE:  
 36 <221> NAME/KEY: misc\_feature  
 37 <222> LOCATION: (11)..(11)  
 38 <223> OTHER INFORMATION: n = a, c, g, or t  
 41 <220> FEATURE:  
 42 <221> NAME/KEY: misc\_feature  
 43 <222> LOCATION: (29)..(29)  
 44 <223> OTHER INFORMATION: n = a, c, g, or t  
 47 <220> FEATURE:  
 48 <221> NAME/KEY: misc\_feature  
 49 <222> LOCATION: (38)..(38)  
 50 <223> OTHER INFORMATION: n = a, c, g, or t  
 53 <220> FEATURE:  
 54 <221> NAME/KEY: misc\_feature  
 55 <222> LOCATION: (140)..(140)  
 56 <223> OTHER INFORMATION: n = a, c, g, or t  
 59 <220> FEATURE:  
 60 <221> NAME/KEY: misc\_feature  
 61 <222> LOCATION: (295)..(295)  
 62 <223> OTHER INFORMATION: n = a, c, g, or t  
 65 <400> SEQUENCE: 1  
 W--> 66 ctcaagaga ngagggaaac ctgccctgna gtacaatnac tatggctgct attgcggtgt 60

**Does Not Comply**  
**Corrected Diskette Needed**

*"c" is at location 1*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,092

DATE: 01/30/2003

TIME: 10:12:10

Input Set : A:\220738US0PCT.txt

Output Set: N:\CRF4\01302003\J088092.raw

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68 cgggtggctcc cactggccag tgggacgaaa cggattgggtg ttgtcatgcc catgactgct      120
W--> 70 gctatggccg cctggagaaan ctgggctgtg accccaagct ggaaaagtac ctcttctcta      180
72 tcaactcgaga caacatcttc tgtgctggta aaacggcttg ccagcggcat acctgcgaat      240
W--> 74 gtgacaaaaa accgctctct gctttcgcca caacctgaac acttacaacc gcaantatgc      300
76 ccactacccc aacaagctgt      320
79 <210> SEQ ID NO: 2
80 <211> LENGTH: 23
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Synthetic DNA
87 <220> FEATURE:
88 <221> NAME/KEY: misc_feature
89 <222> LOCATION: (11)..(11)
90 <223> OTHER INFORMATION: n = a, c, g, or t
93 <400> SEQUENCE: 2
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97 <210> SEQ ID NO: 3
98 <211> LENGTH: 20
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Synthetic DNA
105 <400> SEQUENCE: 3
106 agcttggttg ggtagtgggc      20
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110 <211> LENGTH: 23
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Synthetic DNA
117 <220> FEATURE:
118 <221> NAME/KEY: misc_feature
119 <222> LOCATION: (9)..(9)
120 <223> OTHER INFORMATION: n = a, c, g, or t
123 <400> SEQUENCE: 4
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127 <210> SEQ ID NO: 5
128 <211> LENGTH: 21
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Synthetic DNA
135 <400> SEQUENCE: 5
136 cttgttgggg tagtgggcat a      21
139 <210> SEQ ID NO: 6
140 <211> LENGTH: 23
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,092

DATE: 01/30/2003

TIME: 10:12:10

Input Set : A:\220738USOPCT.txt

Output Set: N:\CRF4\01302003\J088092.raw

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144 <220> FEATURE:
145 <223> OTHER INFORMATION: Synthetic DNA
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152 <211> LENGTH: 21
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Synthetic DNA
159 <400> SEQUENCE: 7
160 acattcgag gtatgccgct g                21
163 <210> SEQ ID NO: 8
164 <211> LENGTH: 22
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Synthetic DNA
171 <400> SEQUENCE: 8
172 agacaacatc ttctgtgctg gt                22
175 <210> SEQ ID NO: 9
176 <211> LENGTH: 23
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Synthetic DNA
183 <400> SEQUENCE: 9
184 ttgccagcgg catacctgcg agt                23
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188 <211> LENGTH: 23
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
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193 <223> OTHER INFORMATION: Synthetic DNA
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200 <211> LENGTH: 22
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Synthetic DNA
207 <400> SEQUENCE: 11
208 tagacggtga ctcagagctg ca                22
211 <210> SEQ ID NO: 12
212 <211> LENGTH: 24
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,092

DATE: 01/30/2003

TIME: 10:12:10

Input Set : A:\220738USOPCT.txt

Output Set: N:\CRF4\01302003\J088092.raw

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217 <223> OTHER INFORMATION: Synthetic DNA
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220 ggaaaataga cttctcttat tcag                                     24
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224 <211> LENGTH: 22
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
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231 <400> SEQUENCE: 13
232 aggggtattga gatgccagag gc                                     22
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236 <211> LENGTH: 883
237 <212> TYPE: DNA
238 <213> ORGANISM: Mus musculus
240 <220> FEATURE:
241 <221> NAME/KEY: CDS
242 <222> LOCATION: (166)..(591)
243 <223> OTHER INFORMATION:
246 <220> FEATURE:
247 <221> NAME/KEY: mat_peptide
248 <222> LOCATION: (223)..()
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255 actcgggtccc catcaccttt gcaacaggga cagagcttgc agtaccacaga tgcccctggg      120
257 aggtggcaga gcaggctccc atgccccctg cctacctccc ccagg atg aaa cct ccc      177
258                                     Met Lys Pro Pro
261 att gcc ctg gct tgc ctt tgc ctc ctg gtg ccc ctg gct ggc ggg aac      225
262 Ile Ala Leu Ala Cys Leu Cys Leu Leu Val Pro Leu Ala Gly Gly Asn
263 -15                               -10                               -5                               -1 1
265 ctg gtc cag ttt gga gtg atg att gag aga atg acg gga aag cct gcc      273
266 Leu Val Gln Phe Gly Val Met Ile Glu Arg Met Thr Gly Lys Pro Ala
267                               5                               10                               15
269 ctg cag tac aat gac tat ggc tgc tat tgc ggt gtc ggt ggc tcc cac      321
270 Leu Gln Tyr Asn Asp Tyr Gly Cys Tyr Cys Gly Val Gly Gly Ser His
271                               20                               25                               30
273 tgg cca gtg gac gag acg gat tgg tgt tgt cat gcc cat gac tgc tgc      369
274 Trp Pro Val Asp Glu Thr Asp Trp Cys Cys His Ala His Asp Cys Cys
275                               35                               40                               45
277 tat ggc cgc ctg gag aag ctg ggc tgt gac ccc aag ctg gaa aag tac      417
278 Tyr Gly Arg Leu Glu Lys Leu Gly Cys Asp Pro Lys Leu Glu Lys Tyr
279 50                               55                               60                               65
281 ctc ttc tct atc act cga gac aac atc ttc tgt gct ggt aga acg gct      465
282 Leu Phe Ser Ile Thr Arg Asp Asn Ile Phe Cys Ala Gly Arg Thr Ala
283                               70                               75                               80
285 tgc cag cgg cat acc tgc gag tgt gac aag aga gct gct ctt tgc ttt      513
286 Cys Gln Arg His Thr Cys Glu Cys Asp Lys Arg Ala Ala Leu Cys Phe
287                               85                               90                               95

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,092

DATE: 01/30/2003

TIME: 10:12:10

Input Set : A:\220738US0PCT.txt

Output Set: N:\CRF4\01302003\J088092.raw

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289 cgc cac aac ctg aac act tac aac cgc aag tat gcc cac tac ccc aac      561
290 Arg His Asn Leu Asn Thr Tyr Asn Arg Lys Tyr Ala His Tyr Pro Asn
291      100      105      110
293 aag ctg tgt act ggg ccc acc cca ccc tgc tgaggccctg ctcggctcca      611
294 Lys Leu Cys Thr Gly Pro Thr Pro Pro Cys
295      115      120
297 tagccacccc aggtctgtgc agtctcaggc ccagagaagc tcggaaccca gattcctctc      671
299 ccagcagact catcccgccc cccccccaga gatcatgagc cctgggtctct ggccctccagg      731
301 accacaccag atccacggga tcagctgaag aagtcacggg actcgtcagc gctcacaaga      791
303 tccactaagt cgcctctggc atctcaatac cctcttctga ataagagaag tctattttcc      851
305 cgaaaaaaaa aaaaaaaaaa aaaaaaaaaa aa      883
308 <210> SEQ ID NO: 15
309 <211> LENGTH: 142
310 <212> TYPE: PRT
311 <213> ORGANISM: Mus musculus
313 <400> SEQUENCE: 15
315 Met Lys Pro Pro Ile Ala Leu Ala Cys Leu Cys Leu Leu Val Pro Leu
316      -15      -10      -5
319 Ala Gly Gly Asn Leu Val Gln Phe Gly Val Met Ile Glu Arg Met Thr
320      -1 1      5      10
323 Gly Lys Pro Ala Leu Gln Tyr Asn Asp Tyr Gly Cys Tyr Cys Gly Val
324      15      20      25
327 Gly Gly Ser His Trp Pro Val Asp Glu Thr Asp Trp Cys Cys His Ala
328 30      35      40      45
331 His Asp Cys Cys Tyr Gly Arg Leu Glu Lys Leu Gly Cys Asp Pro Lys
332      50      55      60
335 Leu Glu Lys Tyr Leu Phe Ser Ile Thr Arg Asp Asn Ile Phe Cys Ala
336      65      70      75
339 Gly Arg Thr Ala Cys Gln Arg His Thr Cys Glu Cys Asp Lys Arg Ala
340      80      85      90
343 Ala Leu Cys Phe Arg His Asn Leu Asn Thr Tyr Asn Arg Lys Tyr Ala
344      95      100      105
347 His Tyr Pro Asn Lys Leu Cys Thr Gly Pro Thr Pro Pro Cys
348 110      115      120
351 <210> SEQ ID NO: 16
352 <211> LENGTH: 18
353 <212> TYPE: DNA
354 <213> ORGANISM: Artificial Sequence
356 <220> FEATURE:
357 <223> OTHER INFORMATION: Synthetic DNA
359 <400> SEQUENCE: 16
360 ctayggctgy yaytgygg      18
363 <210> SEQ ID NO: 17
364 <211> LENGTH: 19
365 <212> TYPE: DNA
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Synthetic DNA
371 <400> SEQUENCE: 17

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/088,092

DATE: 01/30/2003  
TIME: 10:12:11

Input Set : A:\220738US0PCT.txt  
Output Set: N:\CRF4\01302003\J088092.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 11, 29, 38, 140, 295

Seq#:2; N Pos. 11

Seq#:4; N Pos. 9

Seq#:18; N Pos. 197